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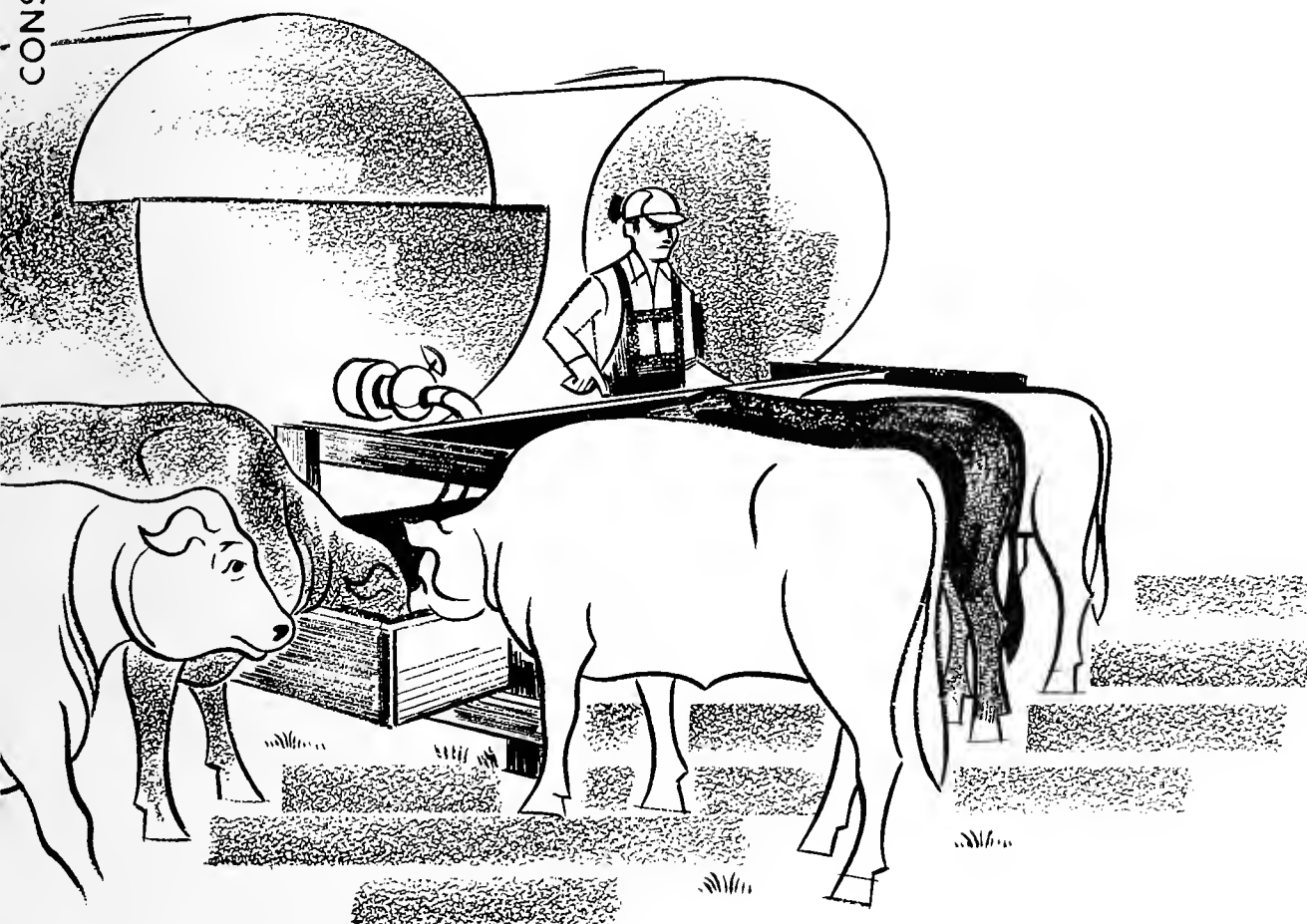
UNITED STATES DEPARTMENT OF AGRICULTURE

WASHINGTON, D.C.

CONSUMER AND MARKETING SERVICE



# *Molasses* **MARKET NEWS**



**ANNUAL SUMMARY 1965**

C&MS-2 (1965)

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## MOLASSES MARKET NEWS - ANNUAL SUMMARY

### HIGHLIGHTS OF 1965

Molasses prices followed a fairly steady trend during 1965 but their general level was somewhat below that of the previous year. Molasses prices were lower in relation to corn prices than at any time in the past 10 years. The 613 million gallons of molasses available for feed and industrial use in the United States was 4-1/2 percent smaller than in 1964. Nearly 60 percent of the supply came from domestic sources. Mainland production once again comprised a larger percentage of the total supply than imported molasses. U. S. imports of foreign molasses reached 268 million gallons -- a little more than the previous year. Exports of molasses from the United States were relatively small and sharply below a year earlier. Feed and industrial use of molasses ran about 28 million gallons less than in 1964.

### PRICES

#### Cane Molasses

Prices of cane molasses held relatively steady at most of the principal markets during 1965. However, the general level of prices averaged 2-3/4 to 4-1/3 cents per gallon below 1964. It also was at the lowest point in five and a half years or longer at many terminals. Abundant supplies were a major price-depressing influence.

Weakness was more pronounced in the East and Midwest than in the Gulf area or on the West Coast. Competition was very keen in the East. Sellers in this area were forced to make price concessions on refiners' blackstrap and imported molasses in order to compete with volume discounts and freight equalization rates given on southeastern and Florida molasses.

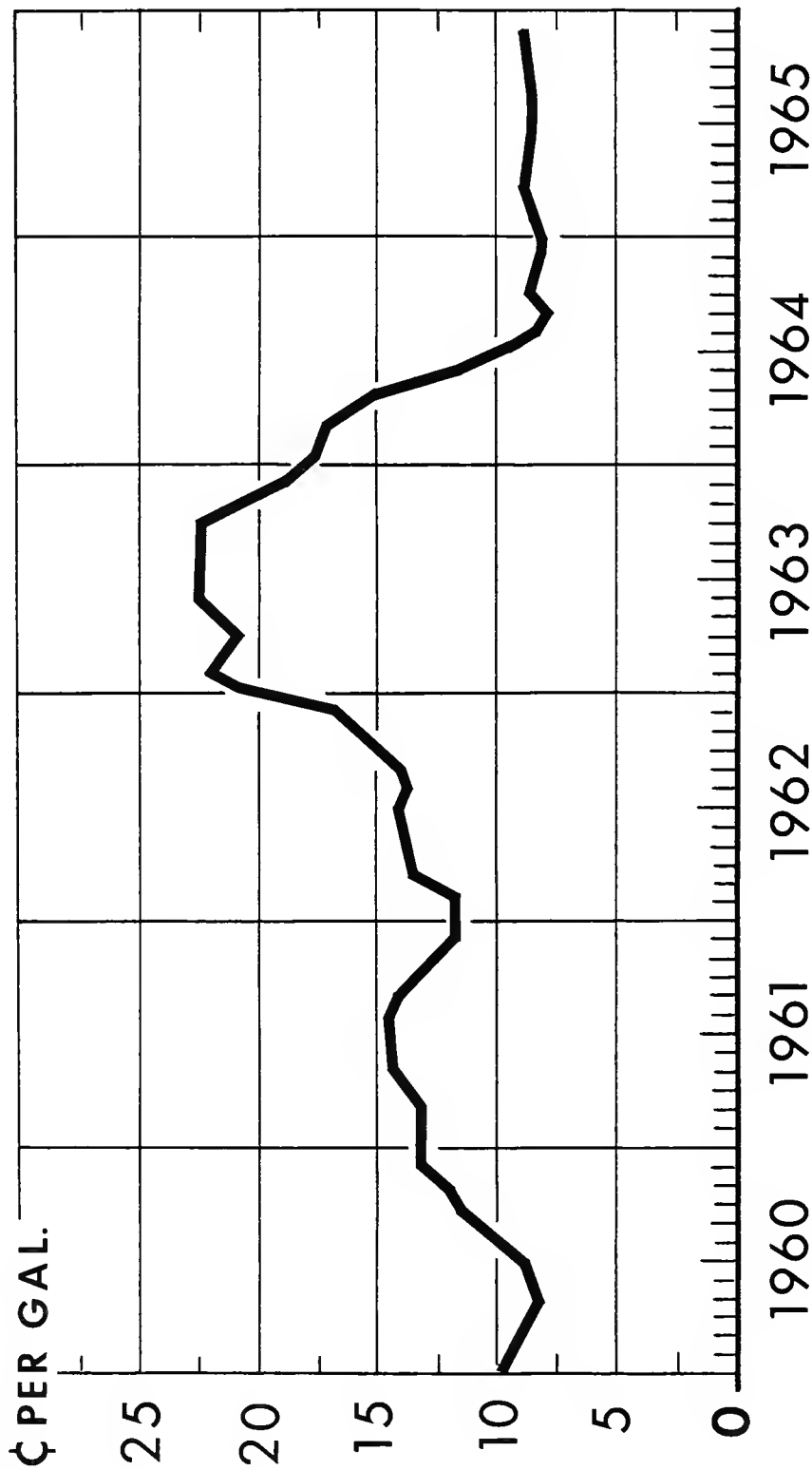
While the general level of prices for 1965 was off around 3-1/2 cents on an average, the year's closing prices were not down nearly as much. In fact, the markets actually closed firm to about a penny higher in the Gulf, Southeast, and at most midwest terminals. Cane molasses finished only about a cent per gallon lower on the West Coast and in the Southwest. In the East, however, prices ran 2 to 2-1/2 cents below 1964's closing levels.

Molasses prices followed a fairly uniform trend at most markets during 1965. They either held firm or strengthened gradually during the first five or six months of the year. There was a weaker undertone in the market for the next month or two when demand was seasonally low. Then, demand improved with the advent of the fall feeding season and prices resumed a steadily firming course for the balance of the year. Eastern markets were the major exception to this general price trend. Prices in this area declined gradually throughout most of the year. It was not until the final month or two of 1965 that prices in the East showed any strength.

The price relationship previously existing between the New Orleans market and Texas Gulf port terminals and eastern markets was somewhat different from most other recent years. Normally, prices at Texas Gulf and eastern points follow the trend of New Orleans prices. In 1965, however, Texas Gulf terminals

# MOLASSES PRICES

*F.O.B. Tank Car, New Orleans*



sold molasses at one price throughout the year regardless of the trend taken by the New Orleans market. This reflected to a large extent the practice of selling on a contract basis at Texas Gulf terminals. As stated earlier, price trends in the East were dominated more by competition from the Southeast and Florida than by what happened on the New Orleans market.

#### Beet Molasses

Prices of beet molasses, like cane molasses, displayed a generally steady trend throughout 1965. However, the general level of trading was below that of 1964. This was particularly true during the first seven months of the year. Average prices for 1965 were down \$5.38 per ton in the Colorado-Wyoming-Montana area, \$3.57 in the Denver area, and \$3.05 in the Oregon-Utah-Idaho-Missoula, Montana area. Ready availability of beet molasses and the lower market for cane molasses were weakening influences.

While the general level of beet molasses prices was down for the year, closing levels were not much different from a year earlier in most areas. At Denver, the ending price was \$2.00 per ton above the average of December the year before. Month-to-month price changes were very limited, reflecting the wide practice of selling a large share of beet molasses on seasonal or yearly contracts.

#### Citrus Molasses

Citrus molasses prices declined steadily during the first half of 1965, firmed up a little the next five months, and then turned downward again in the final month of the year. Although the closing level of prices was only \$4.75 per ton below the previous year, 1965's average price of citrus molasses fell off about \$10.00 per ton.

Production of citrus molasses almost doubled in 1965, and this exerted a certain amount of pressure on the market and prices. So did competition from cane molasses, particularly among cattle feeding outlets. Even though alcohol distillers normally take about two-thirds of the citrus molasses produced annually, producers had to make some price concessions in order to move 1965's large output.

#### Corn (Hydrol) Molasses

Prices of corn molasses showed the same general trend as other types of molasses. Prices averaged \$5.25 to \$6.00 per ton lower for the year at principal markets, but closing levels ran 75 cents to \$1.25 per ton above the year before. Month-to-month price changes were relatively minor as reflected in the overall stability of the market during 1965.

As in other recent years, the comparatively high cost of corn molasses in relation to other types of molasses resulted in less corn molasses going into feed use and more being taken by various manufacturing outlets, especially the pharmaceutical industry.

Table 1.--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
<u>New Orleans</u>													
1961	13.10	13.04	13.06	13.75	14.40	14.50	14.50	14.44	14.06	13.28	12.44	12.13	13.56
1962	12.13	12.44	13.38	13.69	13.95	14.00	13.90	13.88	14.00	14.90	16.19	16.83	14.11
1963	20.70	21.81	21.43	21.29	22.12	22.50	22.50	22.50	22.50	22.22	20.25	18.53	21.53
1964	17.75	17.53	17.06	15.87	13.63	11.35	9.41	8.31	8.15	8.69	8.63	8.35	12.06
1965	8.38	8.88	8.93	9.00	8.94	8.83	8.62	8.50	8.63	8.81	8.88	9.06	8.79
<u>Houston-Beaumont</u>													
1961	13.32	13.33	13.35	14.01	14.63	14.52	14.50	14.50	14.13	13.73	13.34	12.95	13.85
1962	12.75	12.89	13.68	14.10	14.35	14.35	14.35	14.35	14.35	15.65	16.44	16.67	14.49
1963	20.60	22.56	22.00	22.00	23.50	23.50	23.50	23.50	23.50	23.05	21.00	19.38	22.34
1964	19.00	19.00	18.50	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	14.09
1965	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
<u>Corpus Christi</u>													
1961	13.90	14.00	14.00	14.19	14.75	14.75	14.75	14.75	14.65	14.30	13.92	13.50	14.29
1962	13.25	13.30	14.18	14.50	14.66	14.70	14.70	14.70	14.70	15.90	16.70	16.87	14.85
1963	20.82	23.00	22.20	22.20	23.17	23.50	23.50	23.50	23.50	23.10	21.12	19.38	22.42
1964	19.00	19.00	18.40	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	14.09
1965	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
<u>El Paso</u>													
1961	14.78	14.90	14.90	14.90	15.26	15.20	14.90	14.90	14.90	14.42	14.30	13.70	14.75
1962	13.70	13.60	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	15.32
1963	18.40	19.60	19.60	20.44	21.47	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.40
1964	20.50	20.20	19.48	18.70	17.25	16.16	14.30	13.50	13.50	13.50	13.50	13.50	16.17
1965	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	12.60	12.90	13.38

Phoenix L/

1961	.....: 18.30	18.42	18.42	18.42	18.79	18.71	18.42	18.42	18.40	17.92	17.80	17.22	18.27
1962	.....: 17.20	17.35	17.95	18.42	18.40	18.76	19.00	19.00	19.00	19.48	20.20	20.80	18.84
1963	.....: 21.94	23.10	23.10	23.90	23.90	25.00	25.55	26.24	26.60	26.60	25.70	24.60	24.91
1964	.....: 24.00	23.70	22.78	22.20	20.80	20.80	19.54	17.80	17.00	17.00	17.00	17.00	19.65
1965	.....: 17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	16.28	16.10	16.87

Mobile

1961	.....: 13.50	13.50	13.50	13.80	14.60	14.70	14.70	14.70	14.56	13.70	12.97	12.85	13.92
1962	.....: 12.70	12.79	13.75	14.20	14.38	14.50	14.50	14.50	14.39	15.30	16.35	17.17	14.54
1963	.....: 21.08	23.00	22.00	21.95	22.75	23.00	23.00	23.00	22.70	22.50	20.83	18.95	22.06
1964	.....: 18.20	17.83	17.40	16.40	14.08	12.23	10.09	8.96	8.35	8.68	8.75	8.50	12.46
1965	.....: 8.63	9.10	9.50	9.20	9.20	9.10	8.89	8.60	8.90	9.28	9.50	9.75	9.14

Florida

1961	.....: 13.75	14.00	14.00	14.18	14.90	15.00	15.25	15.25	15.25	14.95	14.31	14.25	14.59
1962	.....: 14.00	14.00	14.36	14.66	14.77	14.85	14.85	14.85	14.85	15.22	16.06	16.75	14.93
1963	.....: 20.22	22.75	23.00	23.00	23.00	23.50	23.50	23.69	23.75	23.70	22.06	20.50	22.72
1964	.....: 19.15	18.81	18.30	17.19	14.88	13.20	10.69	8.81	8.75	8.75	8.75	8.80	13.00
1965	.....: 9.08	9.43	9.85	10.00	10.00	9.94	9.85	9.75	9.75	9.80	9.80	9.00	9.69

Savannah, Ga.-Wilmington, N. C.

1961	.....: 13.75	13.75	13.75	14.44	14.90	15.00	15.00	15.00	15.00	15.00	14.81	14.75	14.60
1962	.....: 14.75	14.94	15.44	15.63	15.75	15.75	15.75	15.75	15.75	16.00	16.94	18.50	15.91
1963	.....: 21.25	23.25	24.00	24.00	24.25	24.50	24.50	24.50	24.50	24.50	23.50	22.19	23.74
1964	.....: 21.19	20.69	19.81	18.54	16.41	14.07	11.88	10.63	10.25	10.25	10.25	10.16	14.51
1965	.....: 10.16	10.35	10.35	10.35	10.35	10.31	10.25	9.61	9.63	9.91	10.13	10.13	10.13

Baltimore, Md.-Norfolk, Va.

1961	.....: 15.65	15.75	15.75	15.75	15.75	15.50	15.50	15.50	15.50	15.50	15.50	15.33	15.58
1962	.....: 15.00	15.06	15.38	15.63	15.65	15.65	15.50	15.50	15.50	15.90	16.31	16.42	15.61
1963	.....: 20.80	22.25	22.00	22.00	22.75	22	22.80	23.00	23.00	23.00	21.25	20.13	22.14
1964	.....: 19.50	19.50	19.50	19.00	17.75	15.75	14.00	13.50	13.50	13.50	13.50	13.50	16.05
1965	.....: 13.50	13.50	12.98	12.49	12.44	12.05	12.10	12.10	12.05	11.50	10.80	11.00	12.21

L/ Price basis: Tank truck.

(Continued on next page)

Table 1 - (Continued).--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
<u>Philadelphia</u>													
1961	14.75	14.75	14.75	15.19	15.50	15.50	15.50	15.50	15.50	15.40	15.25	15.17	15.23
1962	15.00	15.25	15.50	15.50	15.50	15.31	15.25	15.25	15.25	15.40	15.69	16.33	15.44
1963	20.80	21.94	21.63	21.41	22.10	22.25	22.35	22.55	22.71	22.95	21.25	20.13	21.84
1964	19.50	19.50	19.50	18.75	17.19	15.45	13.38	13.00	13.07	13.35	13.18	13.00	15.74
1965	13.00	13.00	12.75	12.56	12.44	12.10	11.81	11.55	11.50	11.50	10.95	11.00	12.01
<u>New York</u>													
1961	15.50	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.73
1962	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.87	16.00	15.78
1963	20.80	22.13	22.00	22.00	22.75	22.75	22.80	23.00	23.00	23.00	21.25	20.13	22.13
1964	19.50	19.50	19.50	19.00	17.75	15.90	14.00	13.50	13.50	13.50	13.50	13.50	16.05
1965	13.50	13.50	13.50	13.13	12.85	12.50	12.44	12.25	12.25	11.88	11.10	11.13	12.50
<u>Boston</u>													
1961	16.05	16.25	16.25	16.25	16.25	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.09
1962	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.83	16.10
1963	21.35	22.63	22.50	22.50	23.81	24.00	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	20.00	20.00	20.00	19.50	18.25	16.40	14.50	14.00	14.00	14.00	14.00	14.00	16.55
1965	14.00	14.00	14.00	13.63	13.38	13.00	12.94	12.75	12.75	12.38	11.60	11.63	13.01
<u>Albany</u>													
1961	16.05	16.25	16.12	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.04
1962	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.33	16.05
1963	21.35	22.63	22.50	22.50	23.81	24.00	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	20.00	20.00	20.00	19.50	18.25	16.40	14.50	14.00	14.00	14.00	14.00	14.00	16.55
1965	14.00	14.00	14.00	13.63	13.38	13.30	12.94	12.75	12.75	12.38	11.60	11.63	13.03



	<u>Buffalo</u>									
1961	.....: 18.98	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.09
1962	.....: 19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.15
1963	.....: 24.03	25.24	25.09	24.90	26.30	26.30	26.30	26.30	24.46	25.37
1964	.....: 22.30	22.30	22.30	21.80	20.55	18.70	16.80	16.30	16.30	18.83
1965	.....: 14.90	14.98	15.00	14.81	14.75	14.46	14.40	14.15	13.70	14.48

	<u>Toledo</u>									
1961	.....: -	-	-	-	-	-	-	-	-	19.35
1962	.....: 19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.27
1963	.....: 24.41	26.64	26.63	26.74	28.10	28.10	28.10	28.10	27.35	27.16
1964	.....: 24.10	23.40	23.20	22.39	19.13	16.64	14.15	13.34	13.35	17.44
1965	.....: 13.18	13.70	13.70	13.70	13.70	13.70	13.70	13.50	13.88	13.71

	<u>Cincinnati</u>									
1961	.....: 18.73	18.73	18.73	19.50	20.06	20.23	20.23	20.23	18.92	19.24
1962	.....: 17.70	18.23	19.10	19.50	19.70	19.70	19.70	19.70	20.60	19.84
1963	.....: 25.88	27.48	27.20	27.20	26.60	26.00	26.22	26.40	26.32	26.25
1964	.....: 23.03	21.10	20.98	19.44	18.03	15.39	12.80	11.70	11.69	15.71
1965	.....: 11.26	11.80	11.84	11.90	11.90	11.90	11.87	11.40	11.80	11.79

	<u>Minneapolis</u>									
1961	.....: 19.30	19.30	19.30	19.90	20.50	20.50	20.50	20.50	20.14	19.93
1962	.....: 19.30	19.30	19.45	19.90	19.90	19.90	19.90	19.90	20.96	20.26
1963	.....: 26.72	29.20	30.40	28.90	28.65	28.90	28.90	28.90	28.90	28.62
1964	.....: 26.00	26.00	25.16	23.89	22.01	19.28	16.98	15.80	15.80	19.84
1965	.....: 16.55	17.00	17.00	17.00	16.93	16.37	15.80	15.68	15.80	16.31

	<u>Chicago</u> <u>1/</u>									
1961	.....: 17.00	16.85	16.85	17.46	18.00	18.43	18.17	17.99	17.62	17.34
1962	.....: 16.04	16.64	17.05	17.30	17.89	17.84	17.80	17.80	17.88	18.12
1963	.....: 25.68	27.13	26.75	26.03	26.25	26.49	26.72	26.75	26.75	26.28
1964	.....: 23.03	22.44	22.01	20.94	18.90	16.72	14.58	13.28	12.85	17.09
1965	.....: 13.28	13.55	13.61	13.70	13.70	13.62	13.45	13.08	13.33	13.62

1/ Price basis: Tank truck

(Continued on next page)

Table 1 - (Continued).--Molasses, blackstrap: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
<u>St. Louis</u>													
1961	17.20	17.20	17.20	17.88	18.54	18.70	18.70	18.70	18.30	17.65	16.63	16.27	17.75
1962	16.20	16.53	17.45	17.78	18.00	18.00	18.00	18.00	18.00	19.00	20.12	21.40	18.21
1963	24.56	26.00	25.50	25.50	26.00	26.35	26.65	26.70	26.67	26.55	25.25	23.47	25.77
1964	21.93	21.55	21.30	19.96	18.21	15.40	13.50	12.86	12.33	12.91	12.90	12.75	16.30
1965	12.59	13.10	13.14	13.09	13.10	12.90	12.50	12.40	12.50	12.60	12.60	13.05	12.80
<u>Kansas City</u>													
1961	18.70	18.70	18.70	19.55	20.20	20.30	20.30	20.23	19.78	18.84	18.23	17.80	19.28
1962	17.80	18.20	19.10	19.50	19.80	19.80	19.80	19.80	19.58	20.78	21.97	23.03	19.93
1963	26.13	27.44	27.30	27.30	28.24	28.30	28.30	28.30	28.30	28.04	26.05	24.42	27.34
1964	23.45	23.35	22.84	21.60	19.48	16.77	14.64	13.44	13.30	13.99	13.93	13.45	17.52
1965	13.63	14.15	14.15	14.19	14.20	14.06	13.77	13.70	13.95	14.20	14.20	14.55	14.06
<u>Omaha</u>													
1961	19.00	19.00	19.00	19.37	19.59	19.59	19.59	19.59	20.20	19.96	19.15	19.00	19.42
1962	19.00	19.15	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.98	21.90	23.10	19.85
1963	25.44	27.00	28.05	28.10	28.40	28.70	28.70	28.70	28.70	28.65	27.98	26.97	27.95
1964	26.90	26.15	24.74	23.25	21.70	17.99	15.25	14.69	14.38	14.79	14.71	14.30	19.07
1965	14.51	15.15	15.15	15.30	15.30	15.10	14.80	14.60	14.98	15.40	15.40	15.68	15.11
<u>Memphis</u>													
1961	16.70	16.70	16.70	17.28	17.90	18.05	17.94	17.77	17.66	16.96	16.10	15.90	17.14
1962	15.77	16.22	17.01	17.35	17.58	17.65	17.50	17.50	17.50	18.40	19.75	20.67	17.74
1963	23.84	25.65	25.33	25.20	25.88	26.00	26.00	26.00	26.00	25.97	24.70	22.90	25.29
1964	21.85	21.50	21.00	19.90	18.05	15.94	14.00	12.53	11.85	12.63	12.66	12.55	16.21
1965	12.54	12.80	12.96	13.01	12.95	12.81	12.50	12.20	12.44	12.60	12.60	12.90	12.69

<u>Denver 1/</u>													
1961	.....	19.78	20.10	20.61	20.75	20.96	21.25	21.10	21.10	21.10	20.68	20.50	20.20
1962	.....	20.20	20.54	21.07	21.30	21.60	21.90	21.90	21.90	21.90	22.38	23.10	23.75
1963	.....	24.76	26.00	25.55	26.56	27.60	28.00	28.90	29.50	29.50	29.50	28.15	26.90
1964	.....	26.30	26.00	25.28	24.50	23.00	21.38	19.09	18.41	18.31	18.60	18.54	18.32
1965	.....	18.30	18.60	18.50	17.98	17.60	17.48	17.55	17.55	17.55	17.55	17.55	17.70

<u>Los Angeles</u>													
1961	.....	14.78	14.90	14.90	14.90	15.08	15.05	14.90	14.90	14.90	14.42	14.30	13.70
1962	.....	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20
1963	.....	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05
1964	1/ .....	20.55	20.25	19.56	18.80	17.33	16.22	14.48	13.55	13.55	13.55	13.55	13.55
1965	1/ .....	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	12.65	12.65

<u>Richmond</u>													
1961	.....	14.78	14.90	14.90	14.90	15.25	15.20	14.90	14.90	14.90	14.42	14.30	13.80
1962	.....	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20
1963	.....	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05
1964	1/ .....	20.55	20.25	19.56	18.80	17.33	16.22	14.40	13.55	13.55	13.55	13.55	13.55
1965	1/ .....	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	12.65	12.65

<u>Stockton</u>													
1961	.....	14.78	14.90	14.90	14.90	14.90	14.90	14.90	14.90	14.90	14.42	14.30	13.70
1962	.....	13.70	13.88	14.40	15.00	15.33	15.55	15.55	15.55	15.55	16.03	17.20	17.60
1963	2/ .....	18.47	19.65	19.65	20.43	21.56	22.15	22.76	23.15	23.15	23.15	22.30	21.12
1964	1/ .....	20.55	20.25	19.56	18.78	17.11	16.13	14.48	13.55	13.55	13.55	13.55	13.55
1965	1/ .....	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	12.65	12.65

Portland, Ore.-Seattle, Wash.

1961	.....	14.78	14.90	14.90	14.90	15.26	15.20	14.90	14.90	14.90	14.42	14.30	13.70
1962	.....	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20
1963	.....	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05
1964	.....	20.50	20.20	19.48	18.70	17.28	16.10	14.40	13.55	13.55	13.55	13.55	13.55
1965	.....	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	12.65	12.65

1/ Price basis: Tank truck and tank car.

2/ Price basis: Beginning April 1963 - tank car and tank truck.

Table 2.--Molasses, beet: Prices by months, f.o.b. tank car, 1961-65

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Dollars per ton--													
Denver													
1961	27.00	28.16	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	27.93
1962	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	29.50	31.33	28.40
1963 1/	32.00	32.00	32.00	34.00	34.75	35.50	37.80	39.00	39.00	39.00	39.00	39.00	36.09
1964 1/	39.00	39.00	35.00	35.00	34.25	31.60	29.50	27.00	26.00	26.00	26.00	26.00	31.20
1965 1/	26.00	26.00	27.60	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	27.63
Colorado, Wyoming and Montana (except Missoula)													
1961	26.50	26.50	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	28.58
1962	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	31.00	29.17
1963 2/	31.00	31.00	31.00	31.00	31.00	31.00	31.00	33.00	35.00	38.20	39.00	39.00	33.43
1964	39.00	39.00	35.00	35.00	35.00	35.00	35.00	27.50	27.00	27.00	27.00	27.00	32.38
1965	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00
Oregon, Utah, Idaho and Missoula, Montana													
1961	31.00	31.00	31.00	31.00	31.00	31.00	31.00	32.50	33.00	33.00	33.00	33.00	31.63
1962	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
1963	33.00	33.00	33.00	33.00	33.00	33.00	33.00	34.50	36.00	38.00	38.00	38.00	34.62
1964	38.00	38.00	36.00	36.00	35.50	34.00	34.00	30.00	30.00	30.00	30.00	30.00	33.46
1965	30.00	30.00	30.40	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.41

1/ Price basis: Tank truck and tank car.

2/ Price basis: April 9 through August 14 - tank truck.

Table 3.--Molasses, citrus and corn (hydrol): Prices by months, f.o.b. tank car, 1961-65

Year	: Jan.	: Feb.	: Mar.	: Apr.	: May	: June	: July	: Aug.	: Sept.	: Oct.	: Nov.	: Dec.	: Av.
--Dollars per ton--													
<u>Citrus molasses</u>													
<u>Florida Points</u>													
1961	.....	: 21.00	19.66	19.50	19.62	20.10	20.50	20.50	20.50	20.00	20.00	20.00	20.12
1962	.....	: 20.00	20.00	19.37	19.38	18.90	19.13	18.90	17.50	17.50	19.00	18.00	18.83
1963	1/	.....	: 21.25	23.25	25.20	27.81	28.13	28.25	28.50	28.50	28.50	30.00	29.37
1964	1/	.....	: 26.13	26.63	27.05	26.75	26.75	27.33	28.50	-	-	20.00	26.83
1965	2/	.....	: 19.37	18.69	17.50	15.13	14.00	15.75	16.00	16.00	16.00	15.25	26.32
													16.14
<u>Corn (hydrol) molasses</u>													
<u>Chicago</u>													
1961	.....	: 22.85	23.08	23.50	24.00	24.65	25.44	26.88	27.00	26.50	25.30	24.75	24.25
1962	.....	: 24.25	24.25	24.56	25.00	25.00	24.75	24.50	24.63	24.75	25.85	27.25	29.00
1963	.....	: 32.40	36.38	36.38	35.10	34.25	34.75	35.20	37.50	37.87	38.60	37.63	35.69
1964	.....	: 33.88	33.63	32.90	31.38	28.94	25.33	21.56	19.84	19.60	19.50	19.50	19.50
1965	.....	: 19.50	20.31	20.60	20.63	20.25	20.50	20.31	20.00	20.00	20.00	20.00	20.25
													24.85
													25.32
													35.98
													25.46
													20.20
<u>Kansas City</u>													
1961	.....	: 26.00	26.50	26.75	27.31	29.15	29.75	31.00	31.00	31.00	29.40	28.38	28.00
1962	.....	: 27.50	27.12	27.88	28.25	28.50	28.50	28.10	27.50	27.50	28.50	30.25	31.83
1963	.....	: 35.30	39.63	39.88	38.70	38.00	38.25	39.50	40.50	40.50	40.50	39.75	38.37
1964	.....	: 37.25	36.50	35.50	33.75	31.50	27.50	23.50	21.25	21.30	21.75	21.75	21.00
1965	.....	: 21.00	21.00	21.00	21.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.25
													28.69
													28.45
													39.07
													27.71
													21.69

1/ Nominal August through October. 2/ Nominal August through November.

Table 4.--Price comparisons between molasses and No. 2 yellow corn at  
New York, Chicago and Kansas City, 1956-65 <sup>1/</sup>

Year	New York			Chicago			Kansas City		
	Corn	Molasses	Differ-	Corn	Molasses	Differ-	Corn	Molasses	Differ-
	: bu. :	6 $\frac{1}{2}$ gal.:	ence :	bu. :	6 $\frac{1}{2}$ gal.:	ence :	bu. :	6 $\frac{1}{2}$ gal.:	ence
--Cents--									
1956	169.8	109.5	+60.3	145.2	130.0	+15.2	149.7	136.4	+13.3
1957	156.8	163.7	-6.9	129.2	199.3	-70.1	130.4	204.2	-73.8
1958	156.3	115.0	+41.3	125.5	123.1	+2.4	120.0	127.4	-7.4
1959	150.6	103.0	+47.6	122.5	107.1	+15.4	117.3	111.0	+6.3
1960	143.8	89.0	+54.8	115.6	92.9	+22.7	113.6	103.1	+10.5
1961	141.8	102.2	+39.6	113.1	112.7	+0.4	112.4	125.3	-12.9
1962	142.0	102.6	+39.4	112.8	117.8	-5.0	115.0	129.5	-14.5
1963	155.0	143.8	+11.2	126.0	170.8	-44.8	125.4	177.7	-52.3
1964	151.3	104.3	+47.0	125.1	111.1	+14.0	127.5	113.9	+13.6
1965	151.5	81.2	+70.3	130.2	88.5	+41.7	130.4	91.4	+39.0

#### MOLASSES AND CORN PRICES

The relationship between the cost of corn and the cost of molasses favored molasses more in 1965 than in 1964. <sup>1/</sup> In fact, molasses was in the best price position in relation to corn that it has been in during the past 10 years.

The cost of 6-1/2 gallons of molasses dropped 23.1 cents in New York, 22.6 cents in Chicago, and 22.5 cents in Kansas City. Meanwhile, the cost of a bushel of corn went up two-tenths of a cent in New York, 5.1 cents in Chicago, and 2.9 cents in Kansas City.

Thus, 1965 molasses costs averaged about 70 cents below the cost of corn in New York, nearly 42 cents less in Chicago, and 39 cents lower in Kansas City.

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<sup>1/</sup> A "rule of thumb" measure -- 6 1/2 gallons of molasses are about equivalent in carbohydrate value to one bushel of corn -- is widely used to compare the carbohydrate value of molasses and corn. This measure is based on experiments conducted to evaluate the energy produced from one bushel of corn and the amount of molasses required to produce the same amount of energy.

Table 5.--Molasses: Production, exports and shipments to the Continental United States from principal supplying areas, 1949-65

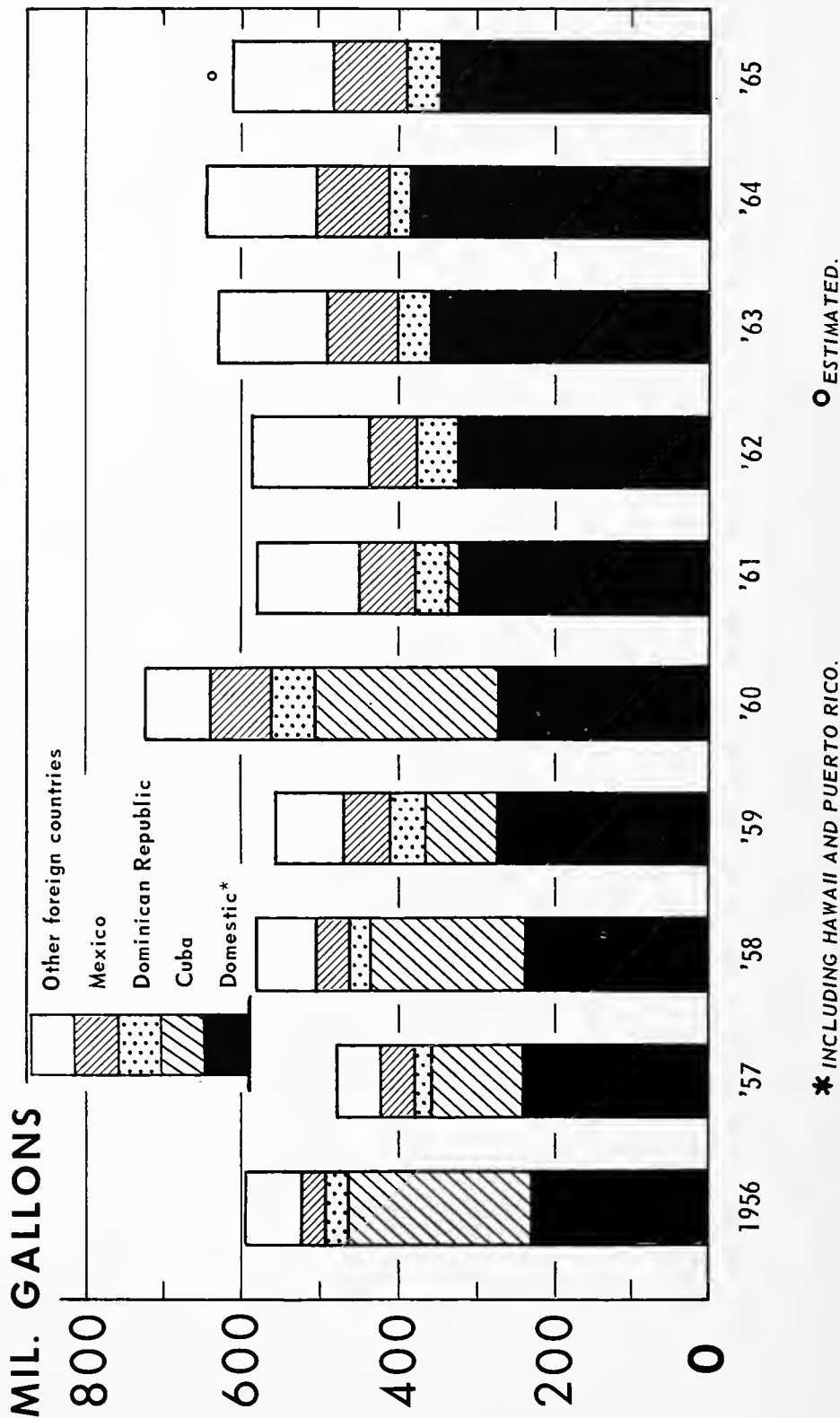
Year	Cuba			Puerto Rico			Hawaii		
	Production:	Exports to	United States:	Production:	Shipments to	Exports to other countries:	Shipments to U. S.:	Exports to other countries:	Shipments to other countries:
	1/						mainland		
1949	291,599	161,872	59,275	43,589	5,603	43,006	42,523	-	-
1950	262,365	186,784	49,522	31,224	6,658	41,381	41,076	355	355
1951	288,625	130,472	60,300	49,951	1,528	44,723	41,572	-	-
1952	397,900	186,676	69,800	52,252	4,021	44,041	37,942	505	505
1953	278,300	291,352	59,856	32,651	13,258	51,319	47,558	-	-
1954	367,754	202,940	61,600	37,558	7,923	51,759	46,530	-	-
1955	429,235	232,696	56,246	44,232	6,033	51,052	50,413	-	-
1956	324,460	232,329	56,899	34,726	6,765	52,644	49,401	1,916	1,916
1957	253,265	117,471	52,600	20,439	19,402	52,340	54,140	-	-
1958	310,600	188,428	56,800	26,611	10,157	52,768	43,974	4,642	4,642
1959	314,300	90,497	60,755	24,238	19,239	56,849	60,239	7,771	7,771
1960	287,206	228,643	58,474	30,289	15,162	50,817	49,692	-	-
1961	2/320,000	12,417	62,372	38,618	8,224	56,423	50,653	-	-
1962	2/210,000	3	56,200	27,471	13,014	57,372	54,911	-	-
1963	2/180,000	0	61,548	16,590	15,923	55,373	51,563	-	-
1964	2/174,300	0	64,563	18,190	20,144	57,688	52,638	-	-
1965	2/250,000	0	2/57,200	2/17,000	6,848	58,299	51,861	-	-

--1,000 gallons--

1/ Includes 131.7 million gallons of high-test molasses in 1954, 231.5 million in 1955, 111.4 million in 1956, 79.6 million in 1958, 4.8 million each in 1959 and 1960, and an estimated 2 million in 1961.  
2/ Estimated.

Source: Bureau of the Census, Cuban Sugar Stabilization Institute, Association of Sugar Producers of Puerto Rico, California and Hawaiian Sugar Corporation, Ltd., and the Hawaiian Sugar Planters Association.

# MOLASSES SUPPLY BY MAJOR SOURCES



U. S. DEPARTMENT OF AGRICULTURE

NEG. C&MS 19 - 66 (3) CONSUMER AND MARKETING SERVICE

FIGURE 2



## SUPPLIES

Molasses supplies available for feed and industrial use in the Continental United States during 1965 were estimated at nearly 613 million gallons. This was some 28 million gallons, or about 4-1/2 percent, less than the previous year. Production of cane, beet, and hydrol molasses dropped off. Output of refiners' blackstrap molasses was about on a par with the year before, while production of citrus molasses almost doubled 1964's outturn. Although mainland production was down, it comprised for the third consecutive year a larger percentage of the total available supply than imported molasses.

### Domestic Supplies

Some 347 million gallons of molasses -- nearly 57 percent of the total available U. S. supply -- was provided by domestic sources in 1965. This was almost 32 million gallons, or 8-1/2 percent, below the record 379 million gallons coming from domestic sources in 1964. Mainland production accounted for 278 million gallons of the 347-million-gallon domestic supply. The other 69 million gallons were shipped to the mainland from Hawaii and Puerto Rico.

Production of cane molasses by mainland sugar mills in 1965 was estimated at 86 million gallons. This was nearly 17 percent less than the record 103 million gallons produced the previous year due mainly to the smaller sugarcane acreage harvested. Beet molasses production was estimated at 112 million gallons -- about 10 percent less than the year before. Here, too, the decline was due largely to a reduction in acreage because sugar beet yield per acre was about the same as the previous year. Output of refiners' blackstrap molasses totaled around 45 million gallons, only slightly less than the year before. Production of citrus molasses reached 8.6 million gallons. This was almost twice as much as in 1964, with the increase due to the larger citrus crop. Production of hydrol molasses stood at nearly 27 million gallons, or about 11 percent less than a year earlier.

Hawaii produced a record-breaking 58.3 million gallons of molasses in 1965. This was some 600,000 gallons larger than the previous year's record and reflected the all-time high sugarcane production in Hawaii. Shipments from Hawaii to the mainland totaled just under 52 million gallons -- almost 780,000 less than in 1964. No Hawaiian molasses was exported to foreign countries for the sixth consecutive year. Molasses production in Puerto Rico in 1965 was estimated at about 57 million gallons -- some 7 million gallons, or 11 percent, less than in 1964. Shipments of an estimated 17 million gallons to the mainland ran slightly under the previous year's rate, while exports of 6.8 million gallons to foreign countries were only a third as large as a year earlier.

### Imports

Molasses imported into the Continental United States from foreign countries during 1965 totaled 268 million gallons -- about 1.6 million gallons more than the year before.

Mexico remained the largest foreign supplier of molasses to the United States. Imports from Mexico totaled a record-breaking 95.6 million gallons, 9.2 million gallons or nearly 11 percent more than the previous year. Mexican

Table 6.--Feed and industrial molasses: Mainland production, inshipments, imports, and exports, 1954-65

Year	Mainland production						Offshore shipments to the mainland		
	Cane	Beet	Refiners' black-strap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
		1/			2/				
--1,000 gallons--									
1954...	46,050	52,351	31,836	8,804	17,873	156,914	46,530	37,558	84,088
1955...	49,187	52,061	32,954	8,422	15,502	158,126	50,413	44,232	94,645
1956...	38,067	51,955	40,303	7,878	16,851	155,054	49,401	34,726	84,127
1957...	42,532	63,171	39,370	10,474	16,249	171,796	54,140	20,439	74,579
1958...	40,300	67,324	40,012	6,328	20,336	174,300	43,974	26,611	70,585
1959...	42,826	76,920	40,333	7,669	21,494	189,242	60,239	24,238	84,477
1960...	46,686	79,079	40,686	5,155	23,324	194,930	49,692	30,289	79,981
1961...	60,075	98,211	45,812	5,949	23,153	233,200	50,653	38,618	89,271
1962...	65,274	96,643	47,132	9,581	23,595	242,225	54,911	27,471	82,382
1963...	89,876	124,602	47,605	5,396	27,939	295,418	51,563	16,590	68,153
1964...	103,287	3/125,000	45,402	4,469	29,992	308,150	52,653	18,190	70,843
1965...	3/86,000	3/112,000	45,111	8,564	26,740	278,415	51,861	17,000	68,861

Year	U. S. imports					Mainland exports	Available supplies
	Cuba	Dominican Republic	Mexico	Other	Total	4/	
--1,000 gallons--							
1954...	202,940	23,516	37,810	76,142	340,408	4,843	576,567
1955...	232,696	34,573	43,277	67,266	377,812	4,863	625,720
1956...	232,329	31,652	29,820	58,288	352,089	879	590,391
1957...	117,471	21,789	40,059	52,217	231,536	2,545	475,366
1958...	188,428	24,761	46,539	74,580	334,308	2,166	577,027
1959...	90,497	47,426	61,651	82,563	282,137	2,372	553,484
1960...	228,643	62,281	75,635	83,087	449,646	3,032	721,525
1961...	12,417	53,834	70,807	123,437	260,495	2,220	580,746
1962...	3	51,705	63,987	148,368	264,063	2,265	586,405
1963...	-	42,926	93,175	134,322	270,423	5,475	628,519
1964...	-	32,591	86,404	147,426	266,421	4,339	3/641,075
1965...	-	41,329	95,564	131,123	268,016	2,536	3/612,756

1/ Year harvested basis.

2/ Prior to 1955 estimated by multiplying total domestic dextrose sales and exports by a constant, assuming 2.58 gallons of hydrol per 100 pounds of dextrose.

3/ Estimated.

4/ Do not include exports from Hawaii and Puerto Rico.

Source: Statistical Reporting Service, Agricultural Stabilization and Conservation Service, Bureau of the Census, Florida Citrus Processors Association, Hawaiian Sugar Planters Association, and Price-Waterhouse and Company.

molasses also accounted for better than a third of the total molasses imported into this country during 1965. The Dominican Republic also shipped more molasses to the United States in 1965 than the year before. Imports from the Dominican Republic amounted to more than 41 million gallons -- some 8 million gallons, or almost 27 percent, greater than in 1964.

Imports of molasses from other foreign countries showed several significant changes in 1965. Such regular suppliers as Jamaica, Mauritius, Peru, and the Philippines shipped considerably less molasses to the United States than they did in 1964. Imports from Haiti, Trinidad and Tobago, France, the Republic of South Africa, and Australia also dropped measurably. On the other hand, a much greater quantity of molasses was imported from Ecuador and Taiwan. Indonesia shipped a substantial amount of molasses to this country for the first time in several years. Imports from British Guiana, British Honduras, Guatemala, Mozambique, and Nicaragua registered moderate gains, too.

Three customs districts -- New Orleans, Galveston, and New York -- got nearly 60 percent of the total molasses imported into the United States during 1965. Although imports into New Orleans went up some 22 million gallons, the quantity imported into the New York and Galveston districts went down about 10 and 3 million gallons, respectively. Molasses imports into Los Angeles -- one of the other large importing districts -- were not much different from the year before. More molasses was imported into the Buffalo, Mobile, and Virginia districts than in 1964, but less molasses came into the Connecticut, Maryland, San Diego, and San Francisco districts.

Almost two-thirds of the molasses imported from Mexico came into the United States through three customs districts -- Galveston, Los Angeles, and New Orleans. Nearly a third of the Dominican Republic's shipments entered this country through New Orleans, and about half of the total was imported into New York, Philadelphia, and Mobile. Most Jamaican molasses came to New Orleans and New York. Most of the molasses imported from Caribbean, Central American, and South American countries entered the United States through Gulf Coast ports. Some molasses from Barbados, British Guiana, and Trinidad and Tobago, however, went to New York customs districts. Another major exception was Nicaraguan molasses. All of it was imported into West Coast customs districts. So was the molasses shipped from the Philippines. Most of the molasses imported from Australia and Taiwan came into Gulf ports, while shipments from Indonesia were divided rather evenly between Gulf Coast, New York, and West Coast customs districts. All of the molasses imported from Europe and Egypt came into the New York district, while the bulk of African molasses went to Gulf Coast ports.

### Exports

Some 9 million gallons of molasses were exported from the United States in 1965. This was almost 16 million gallons less than the year before and was the lowest exports have been in many years. Nearly 7 million gallons -- about 73 percent of total U. S. molasses exports -- were exported directly from Puerto Rico. Only 2.5 million gallons were shipped from the mainland to overseas destinations. Most of this was exported through the Washington, Florida, and San Diego customs districts and went to the United Kingdom, the Netherlands, and Canada.

Table 7.--Molasses, inedible: U. S. imports by country of origin, 1961-65

Country of origin	1965	1964	1963	1962	1961
--1,000 gallons--					
Australia .....	7,629	9,932	1,767	-	-
Austria .....	-	700	-	-	-
Barbados .....	5,577	4,926	4,398	5,532	2,331
Belgium & Luxembourg ....	-	754	-	-	-
Brazil .....	-	-	1,833	-	-
British Guiana .....	4,466	3,333	3,570	7,501	3,045
British Honduras .....	3,113	819	390	391	214
Canada .....	1,986	1,642	2,256	549	722
Colombia .....	2,439	-	-	-	-
Cuba .....	-	-	-	3	12,417
Denmark .....	-	2,164	-	-	-
Dominican Republic .....	41,329	32,591	42,926	51,705	53,834
Ecuador .....	9,863	2,270	6,813	4,010	1,232
El Salvador .....	1,648	953	1,286	-	-
France .....	9,617	10,524	9,390	9,319	23,927
French West Indies .....	3,399	3,813	6,511	8,053	8,805
Greenland .....	49	-	-	-	-
Guatemala .....	3,439	1,268	-	-	-
Haiti .....	4,264	5,375	3,530	4,176	5,394
Honduras .....	1,650	1,624	-	-	-
India .....	-	-	1,426	4,518	-
Indonesia .....	7,772	-	-	-	4,065
Iran .....	-	1,833	-	-	-
Jamaica .....	17,536	24,132	17,317	21,753	17,313
Japan .....	-	502	-	-	-
Kenya .....	801	2,594	-	-	-
Leeward & Windward Is. ..	-	-	-	-	1,165
Malagasy Republic .....	-	-	-	1,613	1,564
Mauritius .....	3,301	11,919	7,567	13,353	7,476
Mexico .....	95,564	86,404	93,175	63,987	70,807
Mozambique .....	3,629	2,203	2,008	-	-
Netherlands .....	-	-	593	2,211	4,486
Nicaragua .....	3,737	1,920	4,517	3,172	1,704
Pakistan .....	-	1,886	-	1,774	-
Panama .....	-	2,353	-	-	-
Peru .....	4,897	12,934	21,243	19,228	9,201
Philippines .....	9,427	19,343	11,858	15,625	7,165
Poland .....	1,116	-	-	-	-
Rep. of South Africa ....	518	4,109	15,886	5,350	5,935
Rumania .....	-	-	-	-	8,886
Taiwan (Formosa) .....	8,985	2,893	-	719	590
Trinidad & Tobago .....	6,756	8,708	9,188	10,988	6,395
UAR (Egypt) .....	1,804	-	-	8,533	1,822
United Kingdom .....	1,705	-	103	-	-
Venezuela .....	-	-	872	-	-
Total .....	268,016	266,421	270,423	264,063	260,495

Source: Bureau of the Census

Table 8.--Molasses, inedible: U. S. imports by customs districts, 1961-65

Customs districts	: 1965	: 1964	: 1963	: 1962	: 1961
--1,000 gallons--					
Arizona .....	2,599	3,473	3,381	3,751	3,660
Buffalo .....	5,218	2,712	3,493	4,100	2,045
Chicago .....	-	9	-	-	-
Connecticut .....	1,500	2,654	6,402	3,779	14,683
Dakota .....	111	285	817	7	-
Duluth & Superior .....	-	-	208	-	-
El Paso .....	6,768	7,390	7,173	7,165	6,479
Florida .....	1,484	723	3,423	3,804	7,401
Galveston .....	37,354	39,977	35,863	35,140	26,743
Georgia .....	2,293	3,073	3,365	-	1,264
Laredo .....	871	-	79	102	1,427
Los Angeles .....	26,055	25,221	18,936	18,632	22,720
Maine & New Hampshire ..	213	345	406	133	75
Maryland .....	9,353	12,513	19,361	14,659	14,260
Massachusetts .....	-	4,154	2,617	3,474	2,309
Michigan .....	307	19	19	206	-
Mobile .....	12,115	5,503	9,193	8,405	5,580
Montana & Idaho .....	-	-	-	10	-
New Orleans .....	79,186	57,099	70,385	70,344	54,895
New York .....	42,483	52,231	43,045	54,680	66,606
North Carolina .....	3,567	4,313	3,460	2,749	4,716
Ohio .....	2,559	-	5,493	3,410	6,260
Philadelphia .....	11,552	11,811	10,316	7,658	5,539
Pittsburg .....	-	1,285	-	-	-
Sabine .....	1,410	2,071	1,582	2,168	1,951
San Diego .....	2,859	5,996	6,624	4,655	-
San Francisco .....	12,820	19,998	8,919	11,579	7,852
Vermont .....	719	838	466	45	-
Virginia .....	4,620	3,178	4,897	3,408	4,030
Total .....	268,016	266,421	270,423	264,063	260,495

Source: Bureau of the Census.

Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1965

Country	: Arizona	: Buffalo	: Connect-icut	: Dakota	: El Paso	: Florida
--1,000 gallons--						
Australia .....	-	-	-	-	-	-
Barbados .....	-	-	-	-	-	-
British Guiana .....	-	3,071	-	-	-	-
British Honduras ..	-	-	-	-	-	-
Canada .....	-	930	-	-	-	-
Colombia .....	-	-	-	-	-	-
Dominican Republic :	-	-	1,500	-	-	1,484
Ecuador .....	-	-	-	-	-	-
El Salvador .....	-	-	-	-	-	-
France .....	-	-	-	-	-	-
French West Indies :	-	-	-	-	-	-
Greenland .....	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-
Haiti .....	-	-	-	-	-	-
Honduras .....	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Jamaica .....	-	-	-	-	-	-
Kenya .....	-	-	-	-	-	-
Mauritius .....	-	-	-	-	-	-
Mexico .....	2,599	-	-	111	6,768	-
Mozambique .....	-	-	-	-	-	-
Nicaragua .....	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-
Philippines .....	-	-	-	-	-	-
Poland .....	-	-	-	-	-	-
Rep. of So. Africa :	-	-	-	-	-	-
Taiwan (Formosa) ..	-	-	-	-	-	-
Trinidad & Tobago ..	-	1,217	-	-	-	-
UAR (Egypt) .....	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-
Total .....	2,599	5,218	1,500	111	6,768	1,484

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1965

Galves- ton	Georgia	Laredo	Los Angeles	Maine & N. H.	Maryland	Michigan
--1,000 gallons--						
-	-	-	-	-	952	-
-	-	-	-	103	-	-
501	-	-	-	-	-	-
1,790	-	-	-	-	700	-
-	-	-	-	79	-	307
-	-	-	-	-	-	-
-	2,293	-	-	-	1,980	-
6,858	-	-	-	-	-	-
609	-	-	-	-	-	-
-	-	-	-	-	-	-
903	-	-	-	-	-	-
-	-	-	-	-	-	-
3,439	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	2,787	-
801	-	-	-	-	-	-
-	-	-	-	-	-	-
10,363	-	871	22,618	-	2,934	-
1,398	-	-	-	-	-	-
-	-	-	2,344	-	-	-
3,357	-	-	-	-	-	-
-	-	-	1,093	-	-	-
-	-	-	-	-	-	-
518	-	-	-	-	-	-
3,106	-	-	-	-	-	-
3,711	-	-	-	31	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
37,354	2,293	871	26,055	213	9,353	307

(Continued on next page)

Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1965 (Continued)

Country	: Mobile	: New : Orleans	: New : York	: North : Carolina	: Ohio	: Phila- : delphia
--1,000 gallons--						
Australia .....	5,161	932	584	-	-	-
Barbados .....	-	2,914	2,000	-	-	560
British Guiana .....	-	-	894	-	-	-
British Honduras ..	-	623	-	-	-	-
Canada .....	-	-	-	-	-	-
Colombia .....	-	2,439	-	-	-	-
Dominican Republic :	5,915	11,987	6,651	-	718	6,851
Ecuador .....	-	1,617	-	-	-	-
El Salvador .....	1,039	-	-	-	-	-
France .....	-	-	9,617	-	-	-
French West Indies :	-	2,496	-	-	-	-
Greenland .....	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-
Haiti .....	-	4,264	-	-	-	-
Honduras .....	-	1,650	-	-	-	-
Indonesia .....	-	2,941	2,051	-	-	-
Jamaica .....	-	8,607	6,142	-	-	-
Kenya .....	-	-	-	-	-	-
Mauritius .....	-	3,301	-	-	-	-
Mexico .....	-	28,937	8,122	3,567	1,841	4,141
Mozambique .....	-	2,231	-	-	-	-
Nicaragua .....	-	-	-	-	-	-
Peru .....	-	1,540	-	-	-	-
Philippines .....	-	-	-	-	-	-
Poland .....	-	-	1,116	-	-	-
Rep. of So. Africa :	-	-	-	-	-	-
Taiwan (Formosa) ..	-	2,707	-	-	-	-
Trinidad & Tobago ..	-	-	1,797	-	-	-
UAR (Egypt) .....	-	-	1,804	-	-	-
United Kingdom .....	-	-	1,705	-	-	-
Total .....	12,115	79,186	42,483	3,567	2,559	11,552

Source: Bureau of the Census



Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1965 (Continued)

Sabine	San Diego	San Francisco	Vermont	Virginia	Total
--1,000 gallons--					
-	-	-	-	-	7,629
-	-	-	-	-	5,577
-	-	-	-	-	4,466
-	-	-	-	-	3,113
-	-	-	670	-	1,986
-	-	-	-	-	2,439
-	-	-	-	1,950	41,329
-	-	-	-	1,388	9,863
-	-	-	-	-	1,648
-	-	-	-	-	9,617
-	-	-	-	-	3,399
-	-	-	49	-	49
-	-	-	-	-	3,439
-	-	-	-	-	4,264
-	-	-	-	-	1,650
-	1,466	1,314	-	-	7,772
-	-	-	-	-	17,536
-	-	-	-	-	801
-	-	-	-	-	3,301
1,410	-	-	-	1,282	95,564
-	-	-	-	-	3,629
-	1,393	-	-	-	3,737
-	-	-	-	-	4,897
-	-	8,334	-	-	9,427
-	-	-	-	-	1,116
-	-	-	-	-	518
-	-	3,172	-	-	8,985
-	-	-	-	-	6,756
-	-	-	-	-	1,804
-	-	-	-	-	1,705
1,410	2,859	12,820	719	4,620	268,016

Table 10.--Molasses, inedible: U. S. exports by country of destination,  
1961-65 <sup>1/</sup>

Country of destination :	1965	:	1964	:	1963	:	1962	:	1961
--1,000 gallons--									
Belgium & Luxembourg ....:	-		-		2,411		-		-
British Honduras .....	4		-		-		-		-
Canada .....	1,916		9,189		3,726		6,939		4,440
Denmark .....	8		-		-		-		-
France .....	-		-		-		-		4
Iceland .....	16		122		149		170		30
India .....	165		203		118		-		1
Ireland .....	4		-		760		3		4
Israel .....	-		183		-		-		-
Jamaica .....	2		-		-		-		-
Japan .....	401		623		813		1		-
Mexico .....	6		42		4		48		28
Netherlands .....	2,303		7,316		2,384		7,489		-
Netherlands Antilles ....:	6		-		-		-		-
Rep. of South Africa ....:	1		3		34		47		-
Saudi Arabia .....	-		5		-		-		6
United Kingdom .....	4,552		6,777		8,886		575		5,916
West Germany .....	-		10		2,102		-		-
Other .....	-		9		11		7		15
Total .....	9,384		24,482		21,398		15,279		10,444

<sup>1/</sup> Includes exports from Hawaii and Puerto Rico.

Source: Bureau of the Census

Table 11.--Molasses, inedible: U. S. exports by customs districts, 1961-65

Customs districts :	1965	:	1964	:	1963	:	1962	:	1961
--1,000 gallons--									
Buffalo .....	-		85		-		12		79
Dakota .....	65		-		-		3		-
Florida .....	694		1,472		-		-		-
Laredo .....	-		-		1		12		19
Massachusetts .....	16		74		145		-		-
Michigan .....	92		95		99		168		232
Montana and Idaho .....	7		-		-		7		48
New Orleans .....	-		183		-		-		-
New York .....	185		221		169		222		58
Oregon .....	46		-		-		-		-
Philadelphia .....	-		49		-		-		-
Puerto Rico .....	6,848		20,144		15,923		13,014		8,224
St. Lawrence .....	-		19		-		-		33
San Diego .....	405		348		3,140		36		3
San Francisco .....	15		326		188		1		-
Washington .....	1,011		1,466		1,729		1,798		1,740
Other .....	-		-		4		6		8
Total .....	9,384		24,482		21,398		15,279		10,444

Source: Bureau of the Census

Table 12.--Molasses: Estimated utilization, United States, 1954-65

Year	Industrial				Mixed feeds:	
	Distilled:	Yeast,	Pharmaceuti-		direct feed-	Total
	spirits	citric acid:	cals and edi-	Total	ing and	utili-
	<u>1/</u>	and vinegar:	ble molasses :		silage <u>2/</u>	zation
--Million gallons--						
1954 .....	87.8	60.0	10.0	157.8	418.8	576.6
1955 .....	121.3	65.0	12.0	198.3	427.4	625.7
1956 .....	111.9	70.0	14.0	195.9	394.5	590.4
1957 .....	59.2	70.0	14.0	143.2	332.2	475.4
1958 .....	61.7	70.0	15.0	146.7	430.3	577.0
1959 .....	35.3	71.0	15.0	121.3	432.2	553.5
1960 .....	69.0	74.0	<u>3/</u> 37.0	180.0	541.5	721.5
1961 .....	8.5	70.4	47.1	126.0	454.7	580.7
1962 .....	5.7	79.8	38.7	124.2	462.2	586.4
1963 .....	5.0	85.0	40.0	130.0	498.5	628.5
1964 .....	6.2	90.0	47.0	143.2	497.9	641.1
1965 <u>4/</u> ...	15.1	100.0	50.0	165.1	447.7	612.8

1/ Includes molasses used in making ethyl alcohol, butyl and acetone prior to 1959. 2/ Molasses utilized in feeds is a residual item, calculated by subtracting molasses used industrially from total mainland supplies without considering changes in stocks. 3/ Pharmaceutical utilization not considered prior to 1960. 4/ Estimated.

#### UTILIZATION

Almost 613 million gallons of molasses were estimated to be available for feed and industrial use in the United States during 1965. This was about 28 million gallons, or around 4-1/2 percent, less than in 1964.

Molasses used in the production of distilled spirits in the Continental United States in 1965 totaled 15 million gallons -- more than twice as much as in 1964 and the most for this purpose since 1960.

About 100 million gallons of molasses -- 10 million more than the year before -- were estimated by the trade to have been used in the manufacture of yeast, citric acid, and vinegar. Pharmaceutical and edible molasses manufacturers used an estimated 50 million gallons, or about 3 million more than in 1964.

Thus, based on the foregoing utilization estimates and not considering actual changes in molasses stocks (which are unavailable), almost 448 million gallons of molasses were available for direct feeding to livestock or in the manufacture of livestock feeds. This was about 50 million gallons less than the previous year and was the least for any year since 1959. (Trade estimates indicate that about 5 percent of the molasses used in livestock feed is converted to dried molasses. Most of this is manufactured and used in the Midwest.)

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